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Title: PEer-to-Peer Implementation and TheOry  
Report on Mobile computation design  
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Participating Partners: KTH

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#### Short Description

This report is a deliverable related to the task Mobile computation [KTH:12] in workpackage 3 of the Technical Annex.

The deliverable develops a model for strong mobility (execution state is mobile) with concomitant programming abstractions. The model is based on mobile thread and extends the distributed dataflow model underlying Oz and Mozart. A common implementation infrastructure based on thread replication and migration managers has been developed that provides the necessary support for the programming abstractions. A first feasibility study has been conducted by using a common test scenario for mobile applications.

Partner owning:	KTH
Partner contributing:	KTH
Available to:	Public